

**DEPARTMENT OF ENERGY  
CONSTRUCTION SAFETY ADVISORY COMMITTEE  
MEETING MINUTES  
Germantown, MD  
June 6, 2006**

The Chairman, Pat Finn, Department of Energy (DOE-HQ, EH-22) called the meeting of the DOE Construction Safety Advisory Committee (CSAC) to order. Mr. Finn welcomed attendees and introductions were made. A brief review of recent events was conducted. Among the items discussed were the recent publication and proposed enforcement regimen for the 10 CFR 851 Rule, *Worker Safety and Health Program*; the proposed reorganization/abolishment of the Office of Environment Safety and Health; and updates to the ANSI/ASSE A10.33 Standard, *Safety and Health Program Requirements for Multi-Employer Projects*.

Following the introductory remarks, the following presentations were made:

1. Mr. Michael Strosinski (Sandia National Laboratory) made a presentation on the tracking and trending of construction safety data on the Microsystems and Engineering Sciences Applications Complex (MESA) project at Sandia National Laboratory. The MESA Tracking and Trending Database, developed in Microsoft Access, has a Web interface and is updated weekly. It allows for customized trend analyses as well as provides reports for scheduling and best value procurement efforts.
2. Mr. Ray Blowitski (DOE, EH-32, Office of Analytical Studies) made a presentation on DOE's Corporate Operating Experience Program. This multifaceted program uses a number of analytical tools and information products to further the goal of supporting continuous improvement in ES&H performance across the DOE complex.
3. Mr. Jeff Nelson (Conceptual Arts) did a demonstration of the SalusLink scheduling software developed for construction safety managers in cooperation with the Center to Protect Workers' Rights (CPWR). This product links safety activities with individual items in Primavera P3 or Primavera SureTrak schedule files to ensure timely allocation of resources and completion of necessary safety tasks in support of construction projects. The CPWR offered the use of the SalusLink software to any DOE site wishing to Beta test it. This offer comes along with technical support from Conceptual Arts. Interested parties should contact Mr. Finn to make the necessary arrangements.
4. Messrs. Bill McArthur (DOE, EH-52) and Howard Wilchins (DOE, EH-6) gave presentations on the content and the enforcement policy, respectively, for the newly promulgated Worker Safety and Health Program Rule, 10 CFR 851. Much of the presented information is available at the website dedicated to this rulemaking: <http://www.eh.doe.gov/health/rule851/851final.html>.

5. Mr. Ed Blackwood (DOE, EH-21) presented the findings of the Type B Accident Investigation of a near fatal fall that occurred at the K-25 facility in Oak Ridge on January 3, 2006. The accident occurred as workers were constructing a walkway consisting of steel grating spanning steel I beams that support now structurally degraded floor panels on the facility's operating floor. A worker, unprotected by fall protection, tripped and slipped off a section of the partially completed walkway, broke through a degraded floor panel, collided with a fire main and other building structural components before landing on the cell floor 30 feet below. Poor work planning and change control were cited as key causes for this accident.
6. Mr. Greg Kirsch (Sandia National Laboratory) provided an overview of the Behavior Based Safety (BBS) program in place for construction projects at Sandia National Laboratory. He went through the process used by Sandia to get the BBS program started, building a solid foundation for the program, building upon that foundation and ongoing maintenance of the program. He showed an example of a BBS observation card as well as monthly reports generated from observations recorded on these cards.
7. Mr. Stewart Burkhammer (OSHA, Office of Construction Services) highlighted recent initiatives ongoing at the Occupational Safety and Health Administration in the area of construction safety. In addition to a number of partnership and cooperative efforts ongoing with management and labor within the construction industry, he went over several items on OSHA's regulatory agenda. Among these were efforts to upgrade or develop safety standards addressing for cranes and derricks, confined space, and hexavalent chromium in construction.
8. Ms. Sheree Swanson (Lawrence Livermore National Laboratory) discussed programs in place at the lab for the management of construction subcontractor safety. She provided a brief overview of the program and showed an award-winning video that all subcontractor personnel must view prior to working on lab construction projects.

After a brief period of open discussion, the meeting was adjourned.